



United States Department of the Interior

MINERALS MANAGEMENT SERVICE
Alaska Outer Continental Shelf Region
949 East 36th Avenue, Suite 308
Anchorage, Alaska 99508-4363

DATA ANNOUNCEMENT **Minerals Management Service**

Outer Continental Shelf Permit 75-09
Contract 14-08-0001-16411

MULTI-CHANNEL SEISMIC REFLECTION DATA **NORTH ALEUTIAN SHELF** **BERING SEA - ALASKA**

From May 18, 1975, until June 20, 1975, Geophysical Service, Inc., acquired 1,954 miles of multi-channel seismic reflection data. These data were collected under Permit 75-09 issued by the Minerals Management Service (MMS). The MMS acquired these data on September 28, 1976, under Contract 14-08-0001-16413. The MMS is required to keep this information proprietary for 25 years from the date that the Government signed the contract to acquire the information. Therefore, the processed seismic sections are now available to the public through the World Data Center for Marine Geology and Geophysics, Boulder, Colorado. They will be responsible for making copies and marketing these data.

Under Permit 75-09, one vessel was used. The M/V Cecil H. Green used an air gun array with a capacity of 1,200 cubic inches. The energy sources were suspended from the vessel at a depth of 30 feet. The navigation for this survey consisted of a GEO NAV satellite system, integrated with LORAN C.

The vessel towed a 3,525-meter cable with 48 groups of hydrophones.. The sampling rate was set at 4 milliseconds. Recordings were made on Texas Instrument DFS IV. Data were collected with a 5-second record length. The streamer was towed at a depth of 30 feet. The data was processed as a 36-fold stack. The final displays are true amplitude and scaled (after automatic gain control) was applied. The specific data that will be released are as follows.

DATA AVAILABLE

1,325 miles of stacked multi-channel seismic reflection profiles.

The attached small-scale map displays the coverage.

The scaled sections (after automatic gain control applied) can be supplied as plastic sepia, paper sepia and/or blackline prints.

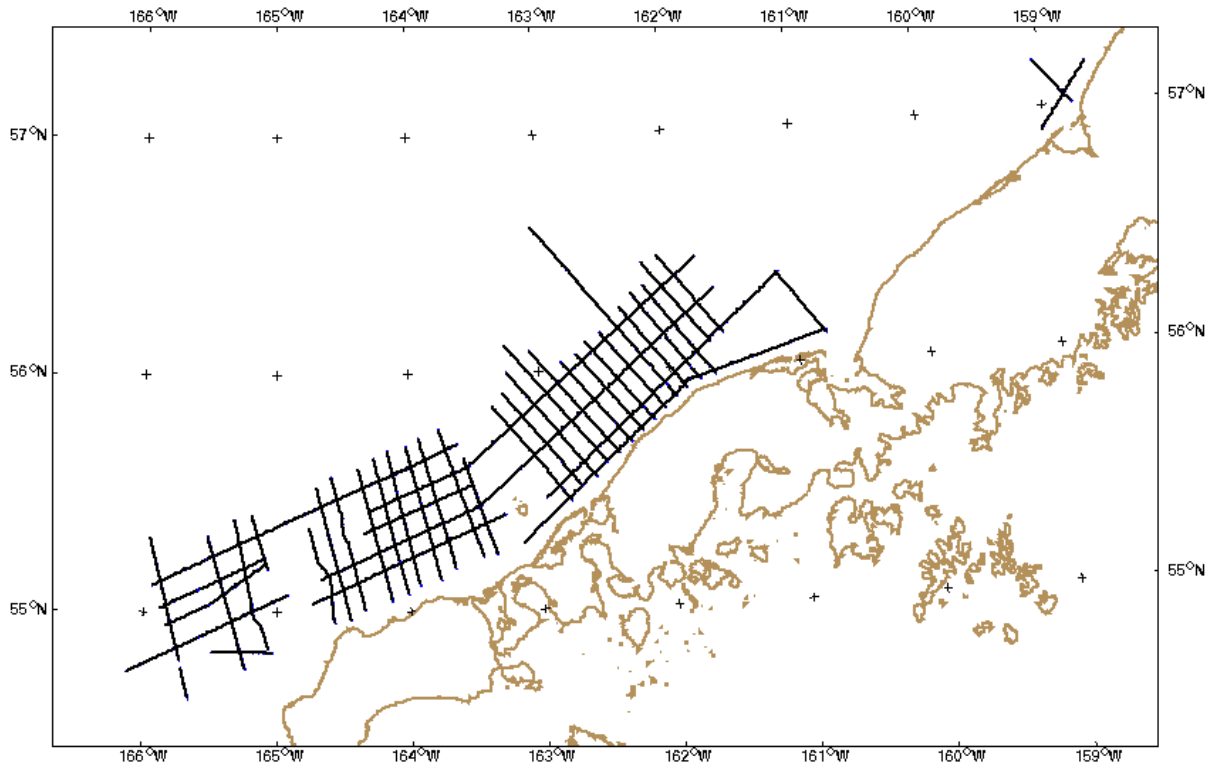
The true amplitude sections have been scanned and copied to CD-ROM.

Velocity plots have been scanned and recorded on CD-ROM.

A navigation map is available as a reproducible or paper copy.

Digital navigation data are available on CD_ROM

Data Coverage Permit 75-09



For further information or expressions of interest in acquiring the data please contact:

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Additional data release announcements may be found at
<http://www.mms.gov/alaska/re/relgg/INDEX.htm>